

Reg # 49517-3

PM-25

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OCT - 4 1994

Mr. Eliot I. Harrison  
Agent for Moore Ag. Products Co.  
7910 Woodmont Ave., Suite 1000  
Bethesda, MD 20814

Dear Mr. Harrison:

Subject: Addition of Southern Peas  
Foliant V Defoliant-Basicant  
EPA Reg. No. 49517-3  
Your submission dated Aug. 29, 1994

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable and a stamped copy is enclosed for your records.

This will acknowledge receipt of your Alternate Formula. This information is acceptable and will be placed in our file for your product.

Sincerely yours,

Robert J. Taylor  
Product Manager 25  
Fungicide-Herbicide Branch  
Registration Division (H7505C)

Enclosure

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M.A.P

### PRECAUTIONARY STATEMENTS

#### Hazards to Humans and Domestic Animals

**DANGER:** Corrosive. Causes eye damage and skin irritation. Harmful or fatal if swallowed, absorbed through the skin or inhaled. Do not get in eyes, on skin or on clothing.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant apron when cleaning equipment, mixing, or loading.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

#### User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

#### ENVIRONMENTAL HAZARDS

For terrestrial uses, do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Clean and wash spray equipment before and after use and do not allow washwater to contact desirable plants. Do not contaminate water by disposal of equipment washwaters.

#### PHYSICAL AND CHEMICAL HAZARDS

Sodium chlorate is a strong oxidizing agent. To avoid fire or explosion do not mix with insecticides.

#### CHEMIGATION PROHIBITION

Do not apply this product through any type of irrigation system.

## MOORE AG BRAND DEFOLIANT-D

Active Ingredient:

Sodium Chlorate .....

Inert Ingredients .....

Total .....

KEEP OUT OF REACH

### DANGER

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

#### STATEMENT OF PRACTICE

**IF IN EYES,** Immediately flush with water for at least 15 minutes. Get medical attention.

**IF ON SKIN,** Immediately wash with soap and water. Get medical attention if irritation persists.

**IF SWALLOWED,** Immediately drink milk, egg whites or gelatin solution. Do not induce vomiting. Drink a large quantity of water. Get medical attention.

#### NOTE TO PRACTICERS

Probable mucosal damage. Use contraindicated.

Net content

EPA Reg. No. 49517-3 EPA E

Manufactured by  
Moore Agricultural  
Hanford CA

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# M.A.P.CO.

## MOORE AG BRAND POLY-FOLIANT V DEFOLIANT-DESICCANT

Active Ingredient:

|                         |        |
|-------------------------|--------|
| Sodium Chlorate .....   | 45.0%  |
| Inert Ingredients ..... | 55.0%  |
| Total .....             | 100.0% |

KEEP OUT OF REACH OF CHILDREN

### DANGER PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

**STATEMENT OF PRACTICAL TREATMENT**

**IF IN EYES**, Immediately flush with water for 15 minutes. Get medical attention.

**IF ON SKIN**, Immediately wash with plenty of soap and water. Get medical attention if irritation persists.

**IF SWALLOWED**, Immediately drink a large quantity of either milk, egg whites or gelatin solution. If these are not available, drink a large quantity of water. Avoid alcohol. Get medical attention.

**NOTE TO PHYSICIAN:**  
Probable mucosal damage. Use of gastric lavage may be contraindicated.

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Net contents: \_\_\_\_\_

EPA Reg. No. 49517-3 EPA Est. No. 49517-TX-001  
49517-CA-001

Manufactured By:  
Moore Agricultural Products Company, Inc.  
Hanford CA Munday TX

**STATEMENTS**  
Domestic Animals  
Irritation. Harmful or fatal  
if swallowed. Do not get in eyes, on skin

Washing equipment, mixing, or  
cleaning equipment, mixing, or

Washing/maintaining PPE. If no such  
water. Keep and wash PPE

### PRECAUTIONS

Do not eat, drink, or use chewing gum, using tobacco or  
if pesticide gets inside. Then wash  
thoroughly.  
When handling this product. Wash the  
hands. As soon as possible, wash  
clothing.

### HAZARDS

Irritation to areas where surface  
water. Clean and do not allow washwater to  
run off. Avoid disposal of equipment

### ADDITIONAL HAZARDS

To avoid fire or explosion do not

### RESTRICTIONS

Washing system.

Do not contaminate  
**STORAGE INSTRUCTIONS:**  
Protect from heat or ignition  
**PESTICIDE DISPOSAL:**  
Do not mix with other pesticides  
or solvents. Dispose of these wastes  
according to local, state, or federal  
regulations. Contact your state  
waste management agency for  
waste disposal procedures.  
**CONTAINER DISPOSAL:**  
Triple rinse, if allowed by  
local, state, or federal regulations.  
Do not reuse for food or  
beverage.

**ADDITIONAL INFORMATION:**  
The directions on this label are  
intended to assist you in the  
proper use of this product. It is  
your responsibility to read the  
label carefully. Insufficient use  
may result from the occurrence  
of the label directions, or  
Agricultural Product  
directions may cause that this product  
purpose referred to in the  
control of the Control Act.  
kind, express or implied  
or fitness for any particular  
purpose.  
The manufacturer or user of this  
product is not liable for any  
recovery of any kind, including  
alleged loss, damage, or  
claims against the manufacturer  
or expense of any kind.  
The manufacturer or user of this  
product is not liable for any  
subject to the foregoing.

**P.CO.**

**D POLY-FOLIANT V  
-DESICCANT**

..... 45.0%  
..... 55.0%  
..... 100.0%

EACH OF CHILDREN  
**PELIGRO**

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detail.)

**ACTICAL TREATMENT**  
1 with water for 15 minutes. Get  
h with plenty of soap and water.  
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y drink a large quantity of either  
ution. If these are not available,  
r. Avij alcohol. Get medical  
**PHYSICIAN:**  
Use of gastric lavage may be

**STORAGE AND DISPOSAL**  
Do not contaminate water, food, or feed by storage or disposal.  
**STORAGE INSTRUCTIONS:** Storage should be in a cool, dry area away from any heat or ignition source.  
**PESTICIDE DISPOSAL:** Pesticide wastes are acutely toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your state pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional office for guidance.  
**CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities by burning. If burned, stay out of smoke.

**CONDITIONS OF SALE - LIMITED WARRANTY  
AND LIMITATIONS OF LIABILITY AND REMEDIES**

The directions on this label are believed to be reliable and should be followed carefully. Insufficient control of pests and/or injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions, the failure to follow the label directions, or good application practices, all of which are beyond the control of Moore Agricultural Products Co., Inc. (the "Company") or seller. In addition, failure to follow label directions may cause injury to crops, animals, man or the environment. The Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the directions for use subject to the factors noted above which are beyond the control of the Company. The Company makes no other warranties or representations of any kind, express or implied, concerning this product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by law.

The exclusive remedy against the Company for any cause of action relating to the handling or use of this product is a claim for damage and in no event shall damages or any other recovery of any kind against the Company exceed the price of the product which causes the alleged loss, damage, injury, or other claim. The Company shall not be liable and any and all claims against the Company are waived for special, indirect, incidental, or consequential damages or expense of any nature, including, but not limited to, loss of profits or income.

The Company and the seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.

**ACCEPTED  
with COMMENTS  
EPA Letter Dated:**

OCT - 4 1994

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, this product is registered with the EPA. No. 49517-3

ents: \_\_\_\_\_

'A Est. No. 49517-TX-001  
49517-CA-001

d By:  
gricultural Products Company, Inc.  
Munday TX

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### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

#### Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on the label about Personal Protective Equipment (PPE) and restricted-entry notification. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standards and that involves contact with anything that has been treated such as plants, soil, or water is: 1) coveralls over short-sleeved shirt and short pants, 2) waterproof gloves, 3) chemical-resistant footwear plus socks, 4) protective eyewear and 5) chemical-resistant headgear for overhead exposure.

Weather conditions and plant conditions affect defoliation. Weather conditions that favor good defoliation are high temperature, high humidity, low wind velocity, high to adequate soil moisture. Plant conditions which favor good defoliation are ample fertility and moisture, complete insect control. Nutrients should be ample but not too much nitrogen. LEAVES SHOULD BE GREEN AND TURGID (NOT WILTED, TOUGHENED OR STUNNED BY LACK OF FERTILIZERS).

**MATURITY** - Boll load heavy, most bolls mature, vegetative growth ceased, little or no second growth.

### GENERAL INSTRUCTIONS

**BEANS, DRY** - To facilitate harvest and of Moore Ag Brand Poly-Foliant V Defoliant thorough coverage either by aircraft or ground application 10 to 15 days before anticipated harvest date. Do not apply during the middle of the day. For air application use a minimum of 10 gallons per acre; for ground application, use a minimum of 20 gallons per acre. Do not graze treated fields or feed treated crops.

**CHILI PEPPERS** - Apply 1/2 to 1-1/4 gal per acre by aircraft and 20 to 40 gallons of water by ground application for processing only. Apply 10 days before harvest. Do not graze treated fields or feed treated crops before applying.

**GUAR BEANS** - To facilitate harvest and of Moore Ag Brand Poly-Foliant V Defoliant thorough coverage either by aircraft or ground application 10 to 15 days before anticipated harvest date. Do not apply during the middle of the day. For air application use a minimum of 10 gallons per acre; for ground application use a minimum of 20 gallons per acre. Do not graze treated fields or feed treated crops.

**COTTON - Defoliation** - do not treat during the middle of the day. Thorough coverage of the plant is essential.

#### AIR APPLICATION:

Apply 2 to 3 gallons of Moore Ag Brand Poly-Foliant V Defoliant-Desiccant per acre in sufficient solution per acre. Use the lower rate with ground application for defoliation. Swath width should not exceed 100 feet. Aircraft should be regulated to give sufficient coverage during periods of excessive wind as spray may cause damage or injury to other crops. Do not apply to sensitive areas at mid-day.

#### GROUND MACHINE APPLICATION:

Apply 30 gallons of Moore Ag Brand Poly-Foliant V Defoliant-Desiccant per acre. Cotton should be applied when the bolls are open. Poor defoliation often results from low moisture, fertility and plant conditions. Defoliation sometimes be difficult to obtain because of uneven growth, lack of moisture or when plant growth is retarded in treated areas or feed gin waste to livestock. Do not graze treated areas each day's work.

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### GENERAL INFORMATION

**BEANS, DRY** - To facilitate harvest and reduce bean seed moisture, apply 1 gallon of Moore Ag Brand Poly-Foliant V Defoliant-Desiccant in enough water to provide thorough coverage either by aircraft or ground equipment. Make application 7-10 days before anticipated harvest date. Do not apply under conditions of extreme heat during the middle of the day. For air application, use 5-10 gallons of total solution per acre; for ground application, use a minimum of 20 gallons of total solution per acre. Do not graze treated fields or feed treated fodder or forage to livestock.

**CHILI PEPPERS** - Apply 1/2 to 1-1/4 gallons per acre in 5 to 15 gallons of water by aircraft and 20 to 40 gallons of water by ground rig. To be used on peppers for processing only. Apply 10 days before harvest. When grown for processing, consult a processor before applying.

**GUAR BEANS** - To facilitate harvest and reduce bean seed moisture, apply 1 gallon of Moore Ag Brand Poly-Foliant V Defoliant-Desiccant in enough water to provide thorough coverage either by aircraft or ground equipment. Make application 7-10 days before anticipated harvest date. Do not apply under conditions of extreme heat during the middle of the day. For air application, use 5-10 gallons of total solution per acre; for ground application use a minimum of 20 gallons of total solution per acre. Do not graze treated fields or feed treated fodder or forage to livestock.

**COTTON - Defoliation** - do not treat later than 7 to 10 days prior to harvest. Thorough coverage of the plant is essential.

**AIR APPLICATION:** Apply 2 or 3 quarts of Moore Ag Brand Poly-Foliant V Defoliant-Desiccant per acre in sufficient water to make 4 to 10 gallons total solution per acre. Use the lower rate when plants and weather conditions are ideal for defoliation. Swath width should not exceed wing spread; Altitude and speed of aircraft should be regulated to give sufficient spray coverage. Do not apply during periods of excessive wind as spray may drift and cause defoliation of adjoining cotton or injury to other crops. Do not apply during very high temperature found in some areas at mid-day.

**GROUND MACHINE APPLICATION:** Apply 2 to 3 quarts of Moore Ag Brand Poly-Foliant V Defoliant-Desiccant per acre in sufficient water to make 15 to 30 gallons total solution per acre. Cotton defoliants should be applied when 70% of the bolls are open. Poor defoliation often occurs under unfavorable weather, soil moisture, fertility and plant conditions. Uniform defoliation within a field may sometimes be difficult to obtain because of irregular plant conditions. Satisfactory defoliation within a field may not be obtained when cotton plants are suffering from lack of moisture or when plant growth is retarded by cold weather. Do not graze treated areas or feed gin waste to livestock. Flush out equipment with water after each day's work.

**FLAX** - For use as a harvest aid on a mature crop, apply 1 gallon per acre in enough water to give thorough coverage 7-10 days (preferable when the anticipated harvest date is known) before harvest.

material per acre. Activity of the nonionic surfactant at the rate of 1/2 gallon per acre should be made in enough water to give 5-10 gallons of spray per acre to give thorough coverage.

**GRAIN SORGHUM** - As a harvest aid for desiccation of grain sorghum, apply Moore Ag Brand Poly-Foliant V Defoliant-Desiccant by air. Apply at least 14 days before harvest if a high temperature is expected.

weeds are small and the crop is not to be used for feed fodder, forage or residue.

**RICE** - As a pre-harvest aid, apply Moore Ag Brand Poly-Foliant V Defoliant-Desiccant use a minimum of 5 gallons per acre before harvest. Do not graze treated fields within 14 days of application.

**SAFFLOWERS** - As a pre-harvest aid, apply Moore Ag Brand Poly-Foliant V Defoliant-Desiccant apply 5 to 10 total gallons of spray per acre. Apply when safflower heads are fully developed. Do not feed treated forage or residue.

**SOYBEANS** - As a pre-harvest aid, apply Moore Ag Brand Poly-Foliant V Defoliant-Desiccant apply a minimum of 5 gallons per acre. Do not graze treated fields or feed gin waste to livestock. Apply a minimum of 20 gallons of spray per acre made 7 to 10 days prior to harvest or graze treated fields.

**SUNFLOWER** - As a pre-harvest aid, apply Moore Ag Brand Poly-Foliant V Defoliant-Desiccant thorough coverage. By air application, apply 2 to 3 quarts per acre. By ground equipment, apply 2 to 3 quarts per acre. Application should be made 7 days prior to harvest or graze treated fields.

**SOUTHERN PEAS** - Apply Moore Ag Brand Poly-Foliant V Defoliant-Desiccant at a rate of 1 gallon per acre in enough water to give thorough coverage by ground equipment. Thorough coverage should be made 7 days prior to harvest or graze treated fields or feed treated fodder.

inconsistent with its...  
other persons, either in the area during...  
consult the agency

with the Worker...  
requirements for...  
nurseries, and...  
ins requirements...  
assistance. It also...  
statements on the...  
restricted-entry...  
of this product that...  
the restricted entry...  
under the Worker...  
ig that has been...  
port-sleeved shirt...  
nt footwear plus...  
ear for overhead

other conditions that...  
wind velocity, high to...  
defoliation are ample...  
e ample but not too...  
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**FORMATION**

reduce bean seed moisture, apply 1 gallon of Foliant-Desiccant in enough water to provide thorough ground equipment. Make application 7-10 days before harvest. Do not apply under conditions of extreme heat. For air application, use 5-10 gallons of total solution per acre. For ground application, use 10-20 gallons of total solution per acre. Do not use as feed fodder or forage to livestock.

Apply 5 to 15 gallons of water by air or 10 to 20 gallons by ground rig. To be used on peppers for harvest. When grown for processing, consult manufacturer for application rates.

to reduce bean seed moisture, apply 1 gallon of Foliant-Desiccant in enough water to provide thorough ground equipment. Make application 7-10 days before harvest. Do not apply under conditions of extreme heat. For air application, use 5-10 gallons of total solution per acre. For ground application, use 10-20 gallons of total solution per acre. Do not use as feed fodder or forage to livestock.

Apply at least 7 to 10 days prior to harvest.

Apply 3 quarts of Moore Ag Brand Poly-Foliant V Defoliant-Desiccant in enough water to make 4 to 10 gallons total. Apply when plants and weather conditions are ideal. Do not exceed wing spread; Altitude and speed of application affect spray coverage. Do not apply during high wind and cause defoliation of adjoining cotton. Do not apply during very high temperature found in some areas.

**APPLICATION** - Apply 2 to 3 quarts of Moore Ag Brand Poly-Foliant V Defoliant-Desiccant per acre in sufficient water to make 15 to 20 gallons of spray solution per acre. Defoliant should be applied when 70% of defoliation occurs under unfavorable weather, soil conditions. Uniform defoliation within a field may be achieved when cotton plants are suffering from retarded growth or irregular plant conditions. Satisfactory results are obtained when cotton plants are suffering from retarded growth by cold weather. Do not graze treated fields. Flush out equipment with water after application.

**FLAX** - For use as a harvest aid: to desiccate trashy weeds and desiccate the mature crop, apply 1 gallon of Moore Ag Brand Poly-Foliant V Defoliant-Desiccant per acre in enough water to give thorough coverage. Make application on bright, sunny days (preferable when temperature is above 60 degrees F.) 7-10 days before anticipated harvest date. For air application, use minimum 5 gallons ready-to-apply material per acre. Activity of the spray will be enhanced by the addition of a good nonionic surfactant at the rate of 1 quart per 100 gallons of spray.

**GRAIN SORGHUM** - As a desiccant, apply 3 quarts to 1 gallon of Moore Ag Brand Poly-Foliant V Defoliant-Desiccant per acre 7-10 days before harvest. Application should be made in enough water for thorough coverage. Apply a total of 4 to 10 gallons of spray per acre by air and 10 to 20 gallons per acre by ground equipment.

**CORN** - Moore Ag Brand Poly-Foliant V Defoliant-Desiccant may be used as a harvest aid for desiccation of trashy weeds in early maturing corn. Use 1 gallon of Moore Ag Brand Poly-Foliant V Defoliant-Desiccant in 5 to 7 gallons of water per acre by air. Apply at least 14 days before anticipated harvest date on clear days when temperature is expected to go above 70 degrees F. Use the 5 gallon rate when weeds are small and the crop canopy is fairly open. DO NOT graze treated fields or feed fodder, forage or residual seeds within 14 days of application.

**RICE** - As a pre-harvest desiccant, apply 3 quarts to 1 gallon of Moore Ag Brand Poly-Foliant V Defoliant-Desiccant in enough water for thorough coverage. By air, use a minimum of 5 gallons per acre. Application should be made 7 to 10 days before harvest. Do not graze treated fields or feed treated straw or crop residues within 14 days of application.

**SAFFLOWERS** - As a pre-harvest desiccant, apply 1 gallon of Moore Ag Brand Poly-Foliant V Defoliant-Desiccant per acre in enough water for thorough coverage. By air, apply 5 to 10 total gallons of spray per acre. By ground, apply 20 to 30 gallons of total spray per acre. Application should be made 7 to 10 days before harvest when safflower heads are fully mature. Do not apply later than 7 days before harvest. Do not feed treated forage or graze treated fields.

**SOYBEANS** - As a pre-harvest desiccant, apply 1 gallon of Moore Ag Brand Poly-Foliant V Defoliant-Desiccant per acre in enough water for thorough coverage. By air, apply a minimum of 5 gallons of spray solution per acre. For ground application, apply a minimum of 20 gallons of spray solution per acre. Application should be made 7 to 10 days prior to normal anticipated harvest. Do not feed treated foliage or graze treated fields.

**SUNFLOWER** - As a pre-harvest desiccant, apply 1 gallon of Moore Ag Brand Poly-Foliant V Defoliant-Desiccant per acre to fully mature seedheads in enough water for thorough coverage. By air, apply 5 to 10 gallons of total spray solution per acre. By ground equipment, apply 20 to 30 gallons of total spray solution per acre. Application should be made 7 days prior to normal harvest. Do not feed treated forage or graze treated fields.

**SOUTHERN PEAS** - Apply Moore Ag Brand Poly-Foliant V Defoliant-Desiccant at a rate of 1 gallon per acre in 5 to 10 gallons of water by air or 10 to 20 gallons by ground equipment. Thorough coverage is essential. Make application 7 to 10 days before anticipated harvest, longer if temperatures are cool. DO NOT graze treated fields or feed treated fodder or forage to livestock.